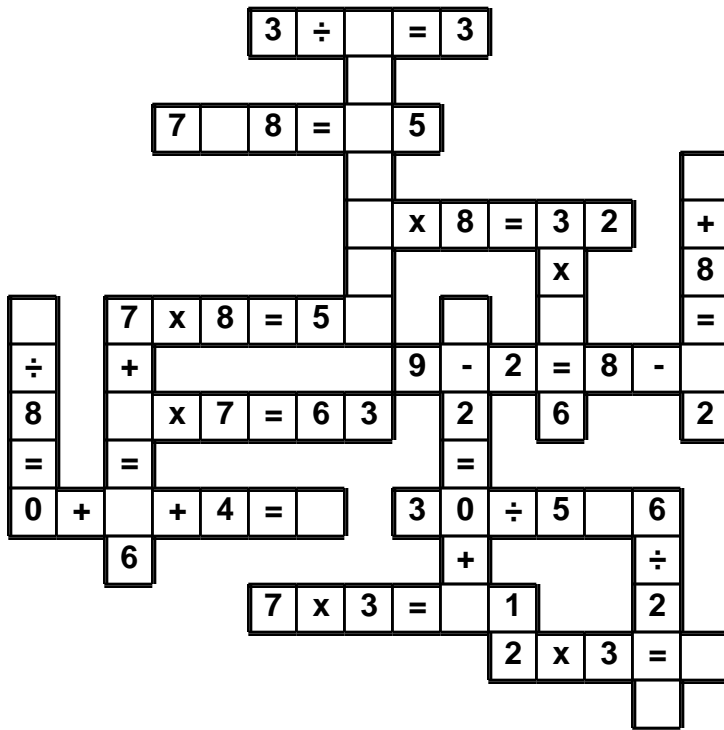


Name: _____

$$1 \cdot + \cdot + \cdot 1 \cdot + \cdot 4 \cdot 4 \cdot = \cdot 0 \cdot 6 \cdot 4 \cdot 2 \cdot 1 \cdot 9 \cdot 1 \cdot 5 \cdot = \\ 2 \cdot 6 \cdot 3$$

Use the pieces above to help you fill in the runaway math puzzle.



$$8j - 24.9 = 7.1$$

$$j =$$

Simplify.

$$\frac{45}{63} =$$

$$\frac{9}{11} \times \frac{4}{11}$$

The unknown value x is a multiple of 4, is greater than 92, and it is divisible by 15. What can be the lowest possible value of x ?

$$\frac{1}{3} \div \frac{2}{12} =$$

What is the mode of the following number set?

73, 61, 65, 70, 76, 66, 79, 62, 80, 75, 64, 77, 67, 81, 69



Name: _____

Get a fidget spinner! Spin it.

I needed to spin _____ time(s) to finish.

$$4 + 5 + 16 \div 8 + 48 \div 6 - 6 = \underline{\hspace{2cm}}$$

$$6 + 63 \div 7 = \underline{\hspace{2cm}}$$

$$2 \times 5 - 5 - (2 - 2) + 4 = \underline{\hspace{2cm}}$$

$$10 \times 6 \times 7 = \underline{\hspace{2cm}}$$

$$2 + 3 - 5 + 44 \div 4 = \underline{\hspace{2cm}}$$

$$1 + 11 - 7 = \underline{\hspace{2cm}}$$

$$3 \times 6 - 4 - 4 + 35 \div 5 = \underline{\hspace{2cm}}$$

$$1 \times 9 + 9 = \underline{\hspace{2cm}}$$

$$3 + 3 - 3 + 7 \times 7 + 30 \div 6 = \underline{\hspace{2cm}}$$

$$10 - 8 + 7 = \underline{\hspace{2cm}}$$

$$5 \times 8 - 3 - 5 + 8 \times 5 = \underline{\hspace{2cm}}$$

$$4 + (6 \times 9) = \underline{\hspace{2cm}}$$

$$4 \times 2 \times 8 \times 3 \times 3 = \underline{\hspace{2cm}}$$

$$2 + 2 + 12 = \underline{\hspace{2cm}}$$

$$1 + 1 \times 5 \times 7 \times 3 = \underline{\hspace{2cm}}$$

$$6 + 2 + 5 = \underline{\hspace{2cm}}$$

$$4 \times (6 + 7 \times 2) \times 7 \times 5 = \underline{\hspace{2cm}}$$

$$7 - 1 + 11 = \underline{\hspace{2cm}}$$

$$9 + 5 - 3 + 6 + 3 = \underline{\hspace{2cm}}$$

$$(12 - 11) + 2 = \underline{\hspace{2cm}}$$

$$2 + 5 \times 9 + 3 = \underline{\hspace{2cm}}$$

$$9 - (4 + 3) = \underline{\hspace{2cm}}$$

$$3 + 84 \div 7 + 66 \div 11 + 6 + 4 = \underline{\hspace{2cm}}$$

$$9 - 1 + 2 + 1 = \underline{\hspace{2cm}}$$

$$(7 \times 7) + 30 \div 10 - 2 \times 2 = \underline{\hspace{2cm}}$$

$$6 \times 5 - 6 = \underline{\hspace{2cm}}$$

$$5 + 1 + 6 - 5 - 6 = \underline{\hspace{2cm}}$$

$$6 + 7 \times 10 - 6 = \underline{\hspace{2cm}}$$

$$8 + 8 + 120 \div 12 - 8 = \underline{\hspace{2cm}}$$

Name: _____

Write the reciprocal.

$$\frac{1}{3}$$

Write the reciprocal.

18

Write the reciprocal.

$$\frac{5}{23}$$

What is the sum of 9.7 and 2.6?

$$\begin{array}{r} 9.13 \\ + 8.13 \\ \hline \end{array}$$

Find the difference between 25.9 and 18.3.

Change to a percent.

$$\frac{867}{100}$$

Write as a percent.

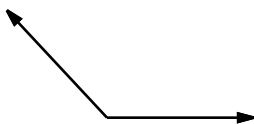
$$\frac{7}{20}$$

Find 88% of 87.

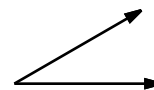
$$15 - \frac{1}{3} - \frac{5}{6} =$$

$$6 + \frac{2}{3} - \frac{7}{10} =$$

$$3 - \frac{1}{2} + \frac{3}{4} =$$



What kind of angle is this?



What kind of angle is this?

Name: _____

$$-12 - -10 =$$

$$-11 \times 9 =$$

$$-9 + -11 =$$

$$7 \overline{) 2.8}$$

$$6 \overline{) 29.4}$$

Change $\frac{52}{100}$ to a decimal.

Rewrite $8 + -5$

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

$$19 - 2 = \underline{\quad}$$

$$19 + -2 = \underline{\quad}$$

On a number line, what is the number that is 5 spaces right of -2?

Write as a decimal.
One hundred five thousandths

Write as a decimal.
Sixteen and nineteen hundredths

Write as a decimal.
Fifteen and nine tenths

Sketch an acute angle named $\angle BCD$.

Sketch a right angle named $\angle EFG$.

Sketch an obtuse angle named $\angle EFG$.

Name: _____

<p>There are 27 students in the Art Club. They all plan to enter a painting in the Mills River Art Contest. Of that number, 20% procrastinated and didn't have a picture completed. How many students have pictures to enter?</p>	<p>Three-fifths of the students in the fourth grade at Geneva Elementary don't know the fable "Androcles and the Lion." If 87 students in the fourth grade don't know about "Androcles and the Lion", how many students are in the fourth grade at Geneva Elementary?</p>	<p>Ms. Allen bought $\frac{1}{2}$ of a bushel of zucchini to put on her neighbor's porch. The zucchini cost \$24.56 per bushel. She also bought a basket for \$8.72 and 2.75 yards of ribbon at \$0.87 per yard. Her neighbor was very pleased with the pretty basket of zucchini. How much did Ms. Allen spend?</p>
---	---	---

<p>$11 \times 12 =$ _____</p>	<p>What number is halfway between 9 and 15?</p>	<p>Wendy rolls a die. What is the chance of her rolling a 6?</p> <p>_____</p>
--	---	---

<p>1 kg = 1,000 g</p> <p>29 kg = _____ g</p>	<p>Can 432 be evenly divided by 12? Circle: 432 is evenly divisible by 12 432 is NOT evenly divisible by 12</p>	<p>$\begin{array}{r} 67 \\ - 20 \\ \hline \end{array}$</p>
--	---	---

<p>$4,374 - 1,531 =$ _____</p>	<p>$14 \div 7 =$ _____</p>	<p>$\begin{array}{r} 785 \\ - 550 \\ \hline \end{array}$</p>
<p>$32 \div 4 =$ _____</p>		

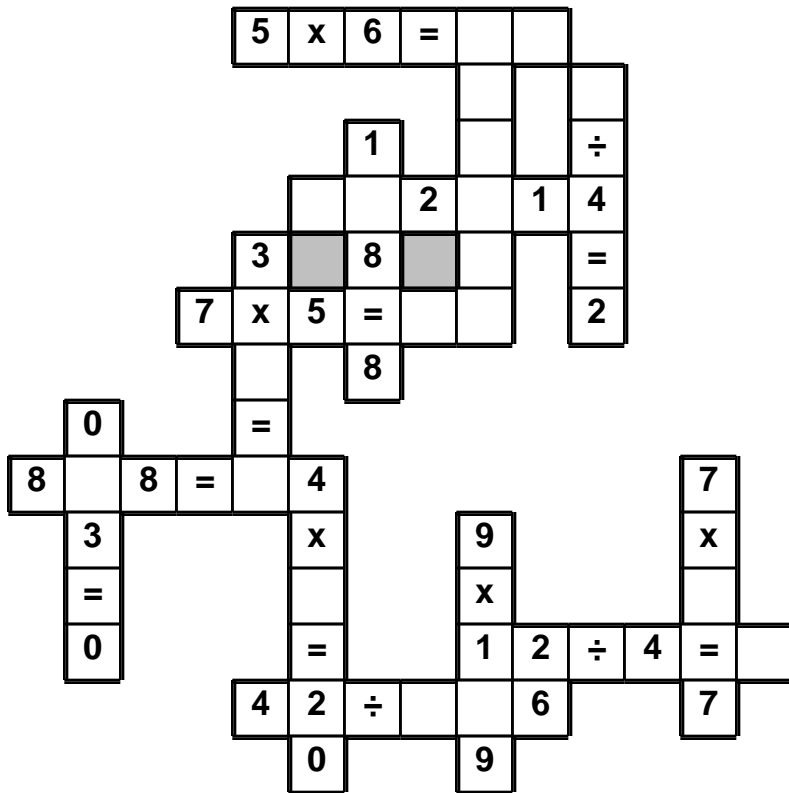
Name: _____

<p>Can 329 be evenly divided by 6? Circle: 329 is evenly divisible by 6 329 is NOT evenly divisible by 6</p>	<p>Fill in the missing operations to complete this equation:</p> <p>24 ____ 12 ____ 15 = 17</p>	
<p>Can 920 be evenly divided by 11? Circle: 920 is evenly divisible by 11 920 is NOT evenly divisible by 11</p>	<p>(9 + 8) + 4 =</p>	
<p>Jessica is older than Rose. Rose is younger than Wendy. Who's the oldest?</p>	<p>8,432 + 1,443 = _____</p>	<p>14 cm = _____ mm</p>
<p>How many kilograms are in 3,000 grams? _____ kilograms</p>	<p>378 + 228</p>	<p>90 ÷ 10 =</p>
<p>6,663 + 9,847 = _____</p> <p>What time is 16 hours after 2:00 p.m.? _____</p>	<p>Circle the greatest number:</p> <p>60,815 7,245 36,891,074,691 8,530,242</p>	

Name: _____

<p>The vowels are missing in the word search. Fill in the missing vowels and circle the words.</p> <div style="font-family: monospace; font-size: 1.2em; letter-spacing: 0.5em;"> S □ □ P □ R N □ □ D L □ B □ R T Y M D □ D □ F □ □ L T P □ S S P R Y □ □ N □ N K S U R P L U S R T M C M □ N □ T □ T □ □ □ T T □ N D N □ C T R □ C K □ T □ N □ □ □ T T □ C K D T L L D □ N □ □ N C □ S L </div> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> SPRY • SOUP • IDENTICAL IMPORTANT • ROCKET • METAL ATTACK • LIBERTY • SURPLUS • DISK MINUTE • ATTEND • DENOUNCE DEFAULT </div>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 5px;">$6 \div 2 =$ _____</td> <td style="width: 50%; padding: 5px;">$84 \div 7 =$ _____</td> </tr> <tr> <td style="height: 50px;"></td> <td style="padding: 5px;">$16 \div 8 =$ _____</td> </tr> <tr> <td></td> <td style="padding: 5px;">$11 \times 8 =$ _____</td> </tr> </table>	$6 \div 2 =$ _____	$84 \div 7 =$ _____		$16 \div 8 =$ _____		$11 \times 8 =$ _____
$6 \div 2 =$ _____	$84 \div 7 =$ _____						
	$16 \div 8 =$ _____						
	$11 \times 8 =$ _____						
$90 \div 10 =$ _____	<p>For 757,194,676,729,361, write the digit that is in the ten thousands place.</p> <p>_____</p>	$21 \div 3 =$ _____					
<p>Here is a pattern of letters:</p> <p style="text-align: center; font-family: monospace; font-size: 1.2em;">Z K K H B Z K K H B Z K K H B Z ...</p> <p>What letter will be the 27th term in the pattern?</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 5px;">$6 \times 8 =$</td> <td style="width: 50%; padding: 5px;">$6 \times 7 =$</td> </tr> <tr> <td style="height: 100px;"></td> <td></td> </tr> </table>	$6 \times 8 =$	$6 \times 7 =$				
$6 \times 8 =$	$6 \times 7 =$						

Use the pieces above to help you fill in the runaway math puzzle.



novice

Name: _____

Eric decorated the bulletin board in his classroom with pictures and short stories about women that might be considered "just funny that way"—women like Amelia Earhart, Marie Curie, and Dorothea Dix. The bulletin board was 3 feet high and 7 feet long. If he used 1.7 square feet for each woman, how many women could he put on the bulletin board?

A parsec is a basic unit for measuring distances to stars and galaxies. One parsec is equal to 3.26 light years. One star is 6.52 parsecs from the Earth. How many light years from the Earth is this star? Round your answer to the nearest tenth of a light year.

Which two of these numbers have a product of 0.576?

2.4

0.24

0.89

5.3

0.53

0.089

0.024

0.053

Anne lives at the point $(-5, 8)$. She wants to go to the closest mall. There are two malls on the map. One is at $(-13, 4)$ and the other is at $(-11, 3)$. Which is closer to her?

Name: _____

$$27 \overline{) 324}$$

$$6 \overline{) 149}$$

$$10 \overline{) 102}$$

$$11 \overline{) 297}$$

$$15 \overline{) 312}$$

$$45 \overline{) 720}$$

$$24 \overline{) 168}$$

$$24 \overline{) 346}$$

$$\begin{array}{r} 9 \\ + 7 \\ \hline \end{array}$$

Find the sum of 19, 14, and 46.

Find the sum of 261 and 17.

If $a = 8$ and $b = 68.9$,
then
 $3a + b - a =$

45, 50, 55, 60, 65,
_____, 75, 80, 85

Simplify.

$$\frac{18,400}{41,400} =$$

$$605 \div 10$$

Use $>$, $<$, or $=$ to complete.

$$58\% \text{ --- } \frac{2}{3}$$

$$\frac{3}{12} \text{ --- } 56\%$$

$$48\% \text{ --- } \frac{1}{5}$$

$$0.8 (0.6 (0.8 + 7)) =$$

Name: _____

$$\frac{7}{20} = \frac{35}{100} = \underline{\hspace{1cm}} \%$$

$$\frac{1}{5} = \frac{\hspace{1cm}}{100} = \underline{\hspace{1cm}} \%$$

$$\frac{21}{25} = \frac{\hspace{1cm}}{100} = \underline{\hspace{1cm}} \%$$

$$\frac{9}{50} = \frac{\hspace{1cm}}{100} = \underline{\hspace{1cm}} \%$$

$$\frac{3}{4} = \frac{\hspace{1cm}}{100} = \underline{\hspace{1cm}} \%$$

$$\frac{70}{100} = \frac{7}{10} = \underline{\hspace{1cm}} \%$$

$$\frac{84}{100} = \frac{\hspace{1cm}}{25} = \underline{\hspace{1cm}} \%$$

$$\frac{45}{100} = \frac{\hspace{1cm}}{20} = \underline{\hspace{1cm}} \%$$

$$\frac{44}{100} = \frac{\hspace{1cm}}{25} = \underline{\hspace{1cm}} \%$$

$$\frac{50}{100} = \frac{\hspace{1cm}}{2} = \underline{\hspace{1cm}} \%$$

$$\frac{14}{25} = \frac{\hspace{1cm}}{100}$$

$$\frac{23}{25} = \frac{\hspace{1cm}}{100}$$

$$\frac{17}{50} = \frac{\hspace{1cm}}{100}$$

Megan put posters on the wall in her room. The posters cover $\frac{1}{5}$ of the wall. What percent of the wall is covered with posters?



Name: _____

Get a fidget spinner! Spin it.

I needed to spin _____ time(s) to finish.

$$|-11| - a = 4$$

$a =$

If $m = -8$ and $v = 43$ then
what is $7m + 13v - 2v = ?$

$$40 \div 5 \times 12$$

$$7 \times 7 \times 7 = 7^x$$

What is the value of x ?

$$10 + 12 - (7 + 2) - 1$$

What is the greatest
common factor of the
numbers 112 and 96?

Sarah told the class that
they should drink about 1.84
liters of water per day.
There are 21 kids in the
class, including Sarah. They
will all try to do that. How
much water will the class
drink in a day?

What is the perimeter
of a rectangle with a
length of 28 centimeters
and a width that is $\frac{1}{2}$
the length?

Convert $17\frac{11}{12}$ to an
improper fraction.

What is the remainder of
120 divided by 19?

$$\frac{8}{9} \div \frac{3}{18} =$$

Rewrite $\frac{4}{25}$ as a decimal.

Name: _____

Fill in the missing numbers.

Only rule - The same number CAN NOT be next to each other, in ANY direction.

Dark lines surround a block. Numbers to use in a block:

A block with 1 space has to be the number 1.

A block with 2 spaces must have the numbers 1 and 2.

A block with 3 spaces must have the numbers 1, 2, and 3.

A block with 4 spaces must have the numbers 1, 2, 3, and 4.

1	4	1	5	2	3	4
5	3	2			1	2
4	1				3	5

An entire block with 5 spaces is blank. Since the block is 5 spaces it uses the numbers 1-5.

2 3 1 5 4

		2	3	1	5	1	5
			5	4	3	4	2
1	4	2	3	1	2	1	3

An entire block with 5 spaces is blank. Since the block is 5 spaces it uses the numbers 1-5.

5 1 2 4 3

	3	4		1	2	3	1
2		2	3	4	5	4	
1	4	1	5	2		3	1

Hint - These numbers are missing:

1 1 5 2 5

2				1	4	1	
	4	5	2	5	2		3
2	3	1	4		1	4	1

Hint - These numbers are missing:

3 5 3 1 3 2 5

$$0.3 (0.7 (0.3 \times 2)) =$$

$$\frac{2}{7} \times \frac{8}{9}$$

$$(9 + 8 + 3 + 12) =$$

Name: _____

Sudoku Sums of 13

Each row, column, and box must have the numbers 1 through 9.
Hint: Look for sudoku sums. The sum of the two boxes inside of the dashed lines is 13.

Here is an example of a sudoku sum of 13:

3	10
---	----

	4				1			
9					2		3	
		6	5			2		
1		2		8				6
							2	
			9			4	1	
		1			4		8	
3		5	7					
7	2					1	9	

$8 \times 2 = \underline{\hspace{2cm}}$

$1,667 + 3,537 = \underline{\hspace{2cm}}$

Circle the digit in the hundredths place.

4,651.557

$20 \div 4 = \underline{\hspace{2cm}}$

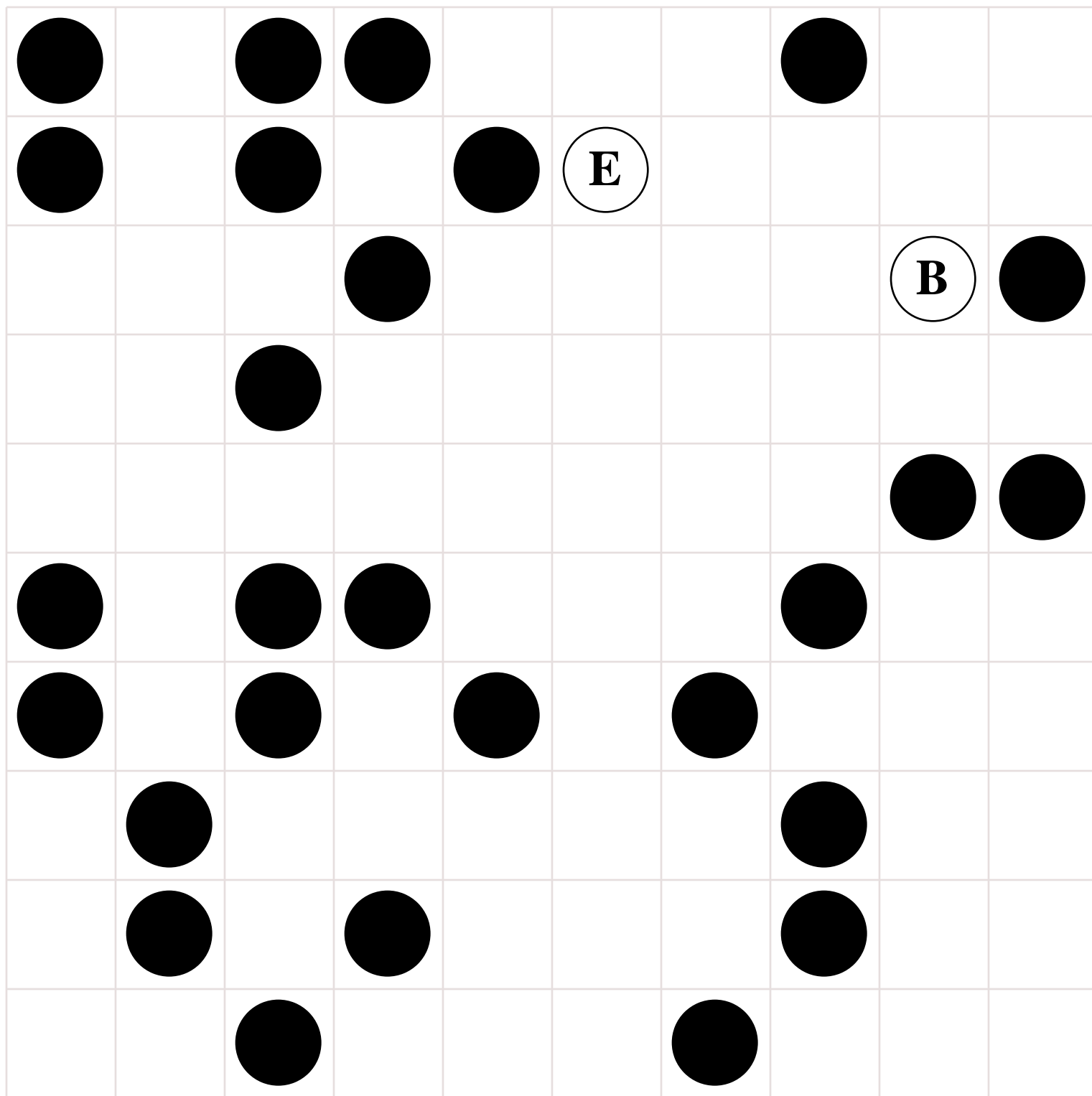
$110 \div 10 = \underline{\hspace{2cm}}$

Name _____



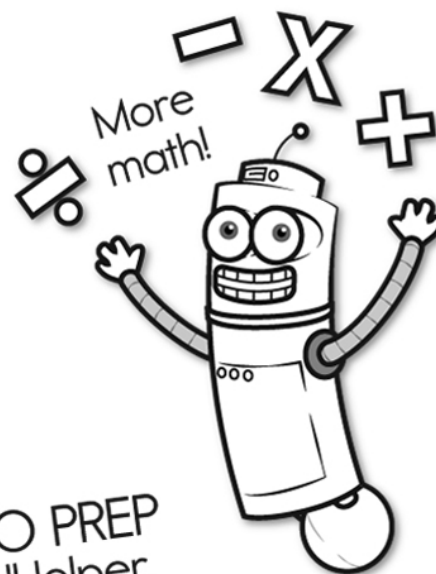
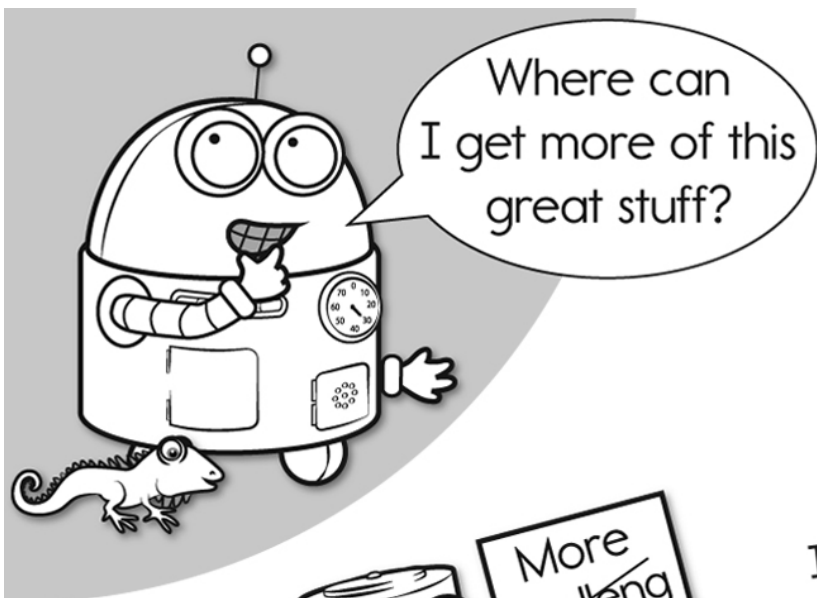
Date _____

Start on the **B** circle. Do not pick up your pencil. Draw a line going left, right, up, or down.
Every line must end on a circle. No stopping on an empty box. Try to collect all the circles
and finish your last line on the **E** circle. You can go through a circle more than once.



Didn't get them all? That's ok. This was hard.

I missed _____ circle(s).

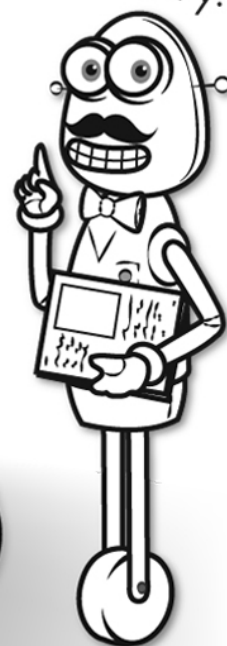


It's NO PREP
at edHelper.

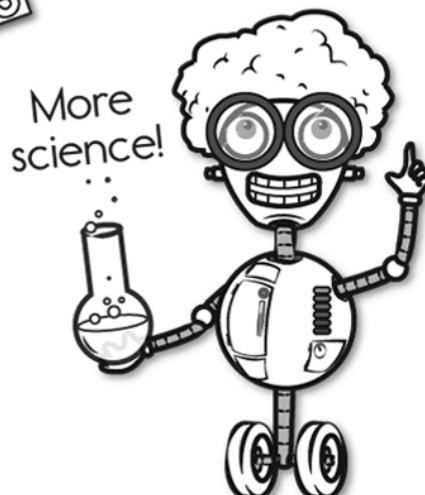
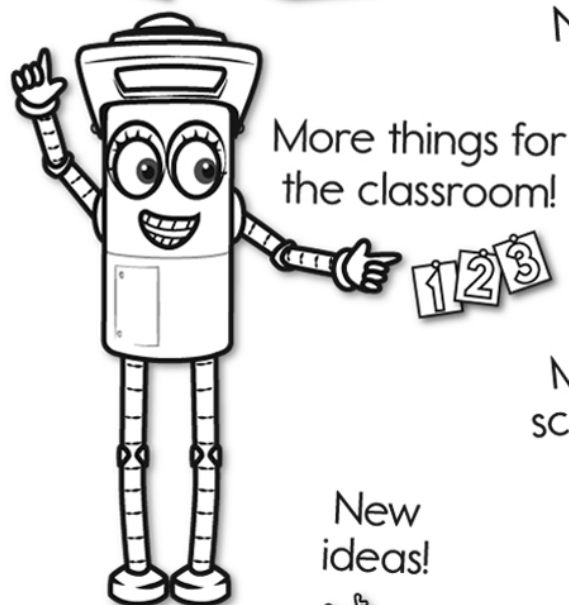
More
history!



edHelper.com!



New online math
games!



New
ideas!



x
+ =
- ÷
< >

More
puzzles!

